

Docket No. 0094.046A

Amendments to the Claims:

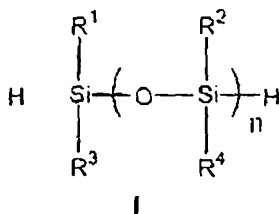
This listing of claims will replace all prior versions and listings, of claims in the application:

Listing of Claims:

1-13. **(CANCELLED)**

14. **(Currently Amended)** A process for the preparation of ~~an alkoxysilyl silane or a siloxane oligomer~~ substituted with at least one polymerizable functional group selected from epoxy, vinyl ether, 1-propenyl ether, acrylate and methacrylate, said process comprising:

- a. selectively reacting at least one compound of formula I



with at least one compound chosen from **A** or **B**, to form at least one monohydrosilane or monohydrosiloxane; and

- b. reacting said at least one monohydrosilane or monohydrosiloxane with at least one compound chosen from **A** and **B**, to form an alkoxysilyl silane or siloxane, with the proviso that when **A** is used in step (a), **B** is used in step (b), and when **B** is used in step (a), **A** is used in step (b); and
- c. in the presence of an ion exchange resin, reacting 0.5 to 2.5 equivalents water with said alkoxysilyl silane or siloxane; and
- d. separating the ion exchange resin from a product of the reaction;
- wherein

A is a compound containing at least one vinyl or allyl group and at least one group selected from epoxy, vinyl ether, 1-propenyl ether, acrylate and methacrylate,

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B is a compound containing at least one vinyl or allyl group and at least one dialkoxysilyl or trialkoxysilyl group;

R^1 - R^4 are independently hydrogen, alkyl, haloalkyl, arylalkyl, aryl or heterocyclic; and

n is 0 or an integer from 1 to 100.

15. **(Original)** A process according to claim 14, additionally comprising reacting in step (c), at least one alkoxysilane selected from alkoxysilanes of formula $SiR^6R^8R^9R^{10}$ and formula $SiR^6R^8R^{10}FG$; wherein

R^6 , R^8 , R^9 , and R^{10} is, independently, alkyl, aryl, arylalkyl, chloroalkyl, fluoroalkyl, heteroalkyl, heteroaryl, alkoxy, arylalkoxy, chloroalkoxy, or fluoroalkoxy of 1 to 10 carbons;

m is 0 or an integer from 1 to 3; and

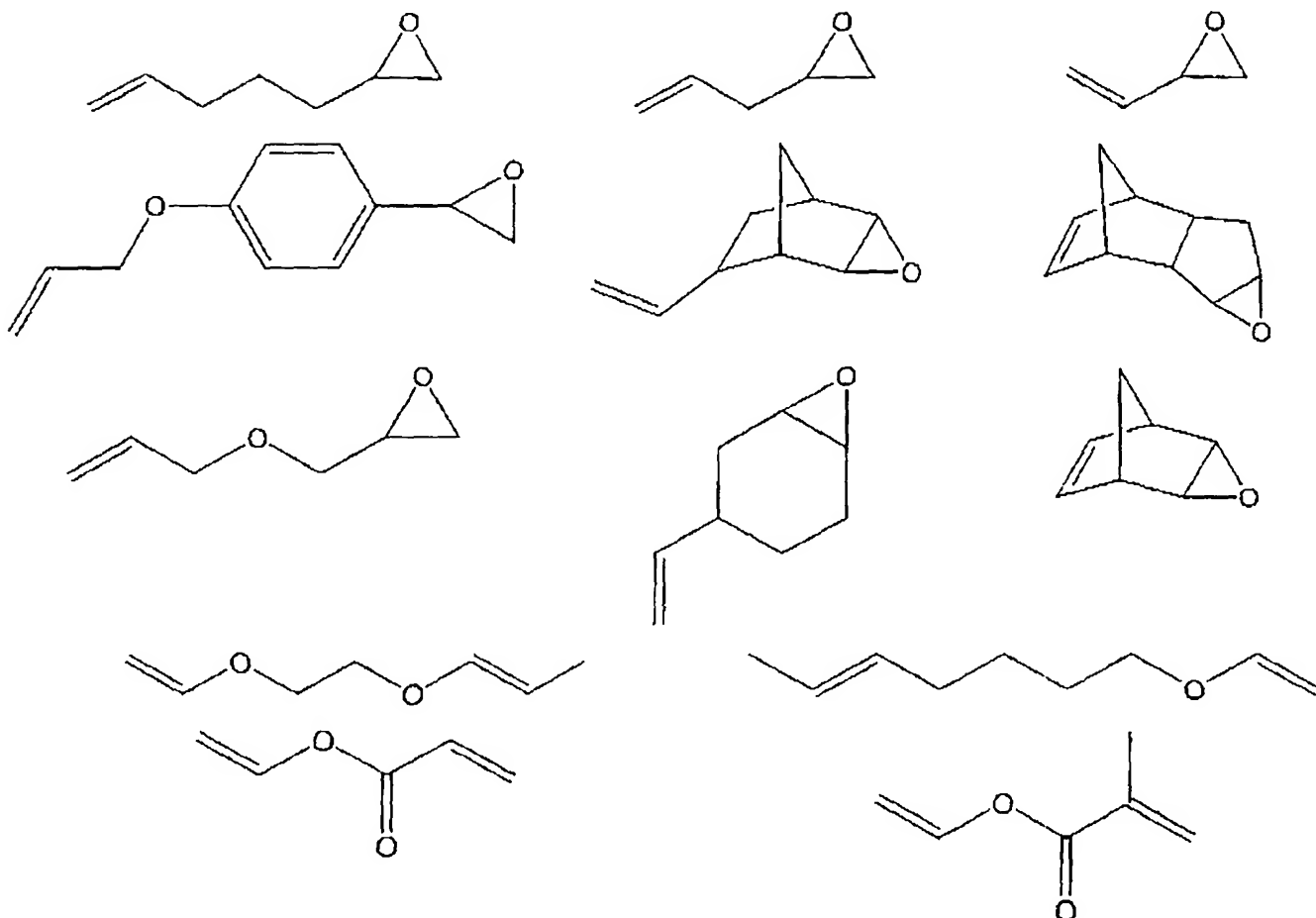
FG is a linear, branched or cyclic alkyl or alkyl ether residue of 1-20 carbon atoms, or 1-20 carbon atoms and 1-9 oxygen atoms, substituted with at least one group selected from epoxy, vinyl ether, 1-propenyl ether, acrylate and methacrylate.

16. **(Original)** A process according to claim 15, wherein said at least one alkoxysilane is an alkoxysilane of formula $SiR^6R^8R^9R^{10}$.

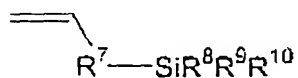
17. **(Original)** A process according to claim 14, wherein **A** is used in step (a), and **B** is used in step (b).

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18. (Original) A process according to claim 14, wherein **A** is selected from:



19. (Original) A process according to claim 14, wherein **B** is an alkoxy silane of formula II



II

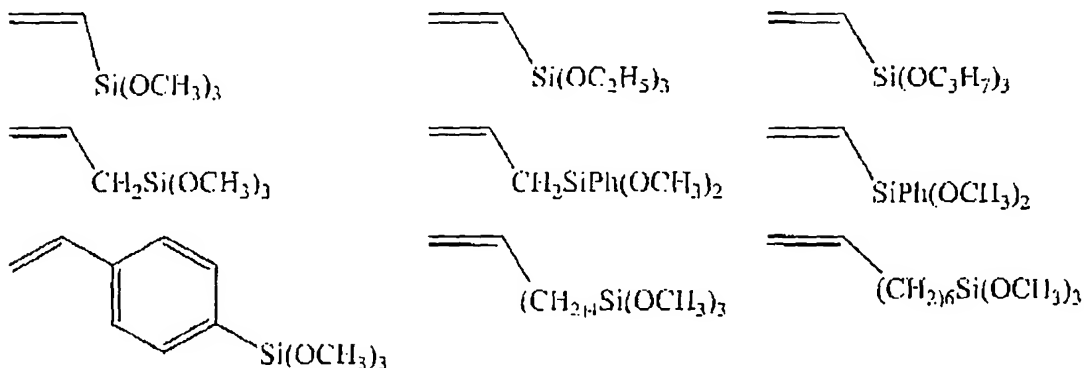
wherein

R^7 is a direct bond or a divalent aryl or alkyl residue; and

R^8 , R^9 , and R^{10} are independently alkyl, aryl, arylalkyl, chloroalkyl, fluoroalkyl, heteroalkyl, heteroaryl, alkoxy, arylalkoxy, chloroalkoxy, or fluoroalkoxy.

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20. (Original) A process according to claim 19, wherein **B** is selected from:



21. (Original) A process according to claim 14, wherein **A** is 3-vinyl-7-oxabicyclo[4.1.0]heptane.
22. (Original) A process according to claim 14, wherein **B** is vinyltrimethoxysilane.
23. (Original) A process according to claim 14, wherein $R^1 - R^1$ is methyl and n is 1-3.
24. (Original) A process according to claim 14, wherein **I** is 1,1,3,3-tetramethyldisiloxane.
25. A process according to claim 14, wherein **I** is 1,1,3,3,5,5-hexamethyltrisiloxane.
26. (Original) A process according to claim 14, wherein **I** is 1,1,3,3,5,5,7,7-octamethyltetrasiloxane.
27. (Original) A process according to claim 14, wherein **I** is methylphenylsilane.
28. (Withdrawn) 1-[2-(3-(7-Oxabicyclo[4.1.0]heptyl)ethyl)-3-[2-trimethoxysilyl]ethyl]-1,1,3,3-tetramethyldisiloxane.

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29. **(Withdrawn)** 1-[2-(3-(7-Oxabicyclo[4.1.0]heptyl)ethyl)-5-[2-trimethoxy-silyloethyl]-1,1,3,3,5,5-hexamethyltrisiloxane.

30. **(Withdrawn)** 1-[2-(3-(7-Oxabicyclo[4.1.0]heptyl)ethyl)-7-[2-trimethoxysilylethyl]-1,1,3,3,5,5,7,7-octamethyltetrasiloxane.